
THE ANNUAL REPORT
OF THE
COUNCIL OF UNIVERSITY COLLEGE,
TORONTO,
FOR 1880-81.

ANNUAL REPORT

OF THE

COUNCIL OF UNIVERSITY COLLEGE, TORONTO.

To His Honour the Honourable JOHN BEVERLEY ROBINSON, Lieutenant-Governor of the Province of Ontario, Visitor of the University of Toronto, and University College.

MAY IT PLEASE YOUR HONOUR :

The President and Council of University College beg leave to present to your Honour, as Visitor on behalf of the Crown, the following Report on the condition and progress of the College for the year ending December 31st, 1880.

Since the Council presented their last Report important changes have been made on the College staff. The Rev. Dr. McCaul, after fulfilling for thirty-three years the duties of Classical Professor, and during the same period successively holding the offices of Vice-President and President, has retired. The vacant presidency has been conferred on Dr. Wilson, the occupant for twenty-seven years of the Chair of History and English Literature; and Professor Maurice Hutton, B.A., a Fellow of Merton College, Oxford, and late Professor of Classics in Firth College, Sheffield, has been selected to fill the Chair of Classical Literature. At the close of the Michaelmas term in 1879, Professor Henry H. Croft, D.C.L., resigned the Chair of Chemistry and Experimental Philosophy, which he had occupied for thirty-seven years, and the vacancy was filled by the appointment of Dr. William Herbert Pike, M.A., Ph.D., a gentleman who, after completing his scientific training at the Universities of Vienna, Berlin, and Gottingen, and obtaining at the latter the degree of Dr. of Philosophy, was successively Assistant to the Professor of Physics in the Royal School of Mines, South Kensington; Demonstrator in the University Laboratory, Oxford, under Professor Odling; Science Tutor of Merton College; and Lecturer in Chemistry to University, Magdalen, Trinity and Worcester Colleges, Oxford.

The offices of Dean and Classical Tutor, rendered vacant by the resignation of Mr. Pearman, have been filled by the appointment of Mr. Frederick Austin Vines, B.A., of Baliol College, Oxford, a gentleman highly recommended for his acquirements, and for special qualifications fitting him for the responsible duties of Dean of Residence.

The Council confidently anticipate that the changes thus made on the College staff will conduce to the efficient carrying out of the work of the Institution, and promote the special objects aimed at in the organization of the Faculty with a view to overtaking the requirements of the University in all the departments embraced in the Faculty of Arts.

The number of students in attendance at University College at the close of the academic year, 1879-80, was 324. At the commencement of the Michaelmas term in October last, 116 additional students were admitted, of whom ninety had passed in all the examinations required for matriculation in the Faculty of Arts, and 26 were received as matriculants. It may be of interest to the friends of the College, as a Provincial Institution designed to render the advantages of higher education and the privileges of

admission
B.A.
85
read in
87
classroom
in 1879-80

a university degree; accessible to all, to present the following synopsis of the localities from which the students at present in attendance on College lectures have come. This return includes under the head of Toronto some who have been induced to take up their residence for a time in this City with a view to avail themselves of the advantages which its educational institutions afford.

Toronto	70	County of Brant	6
County of York	24	“ Peterborough	4
“ Perth	21	“ Kent	4
“ Ontario	19	“ Essex	4
“ Oxford	16	“ Victoria	4
“ Bruce	14	“ Cardwell	3
“ Wellington	13	“ Elgin	3
“ Middlesex	13	“ Leeds	3
“ Huron	13	District of Muskoka	3
“ Wentworth	10	County of Renfrew	2
“ Carleton	9	“ Lanark	2
“ Grey	8	“ Russell	2
“ Lincoln	8	“ Norfolk	2
“ Peel	7	“ Prince Edward	1
“ Waterloo	7	“ Lennox	1
“ Halton	7	“ Dundas	1
“ Simcoe	7	“ Prescott	1
“ Durham	7	“ Haldimand	1
“ Northumberland ..	7	“ Lambton	1
“ Hastings	6		

These numbers include the whole of the student from within the limits of the Province. From beyond its bounds there are students from New Brunswick, Nova Scotia, Prince Edward Island, Manitoba, and from the United States.

At the Convocation held by the University on the 8th of June, 1880, the following degrees were conferred on students who had received their education in University College:—Sixty-two, in all, were admitted to the following degrees: 7 to the degree of Master of Arts, 2 to the degree of Bachelor of Medicine, and 53 to the degree of Bachelor of Arts. Since the reorganization of the University and College on their present basis in 1853, the degrees conferred in the Faculties of Arts, Medicine, and Law, on students trained in University College, have numbered in all 713, classified as follows:—LL.D., 4; LL.B., 23; M.D., 14; M.B., 44; M.A., 216; B.A., 412.

The graduates who thus completed their training in University College have included a considerable number who took high rank in the University Honor Lists, and have since given practical evidence of the value of the instruction they received. Of those who have distinguished themselves at the Bar, two of them—including the late Chief Justice Moss, whose recent loss is deplored alike by his Alma Mater and by the entire Province,—have filled high judicial positions. Others have taken their places in the Dominion and Provincial Parliaments. Fifteen of them are at present fulfilling the duties of principals, professors and lecturers, in the colleges and normal schools of this and other Provinces. Eighty-three are masters and teachers, including forty-five head masters in the collegiate institutes and high schools of the Province. Brief, therefore, as is the period which University College has thus far had for furnishing evidence of the fruits of its training, it can already appeal to results affording some satisfactory proof of its value as a Provincial Institution.

In the various branches of instruction embraced in the curriculum of the College, and included in the four years course, required by the University for the degrees in Arts, lectures are now given as follows, including practical instruction in the the laboratories and lecture rooms of the teachers of the sciences:

Classical Literature, embracing the Greek and Latin languages, by Professor Hutton, B.A., and Mr. F. A. Vines, B.A.

Oriental Literature, including Hebrew, Chaldee, Syriac, and Arabic, by Mr. J. M. Hirschfelder.

German, by Mr. W. H. Vandersmissen, M.A.

French, by Mr. Emile Pernet.

Italian, by W. Oldright, M.A., M.D.

Rhetoric and English Literature, by Professor D. Wilson, LL.D.

Logic, Metaphysics and Ethics, by Professor G. P. Young, M.A.

Ancient and Modern History, by Professor D. Wilson, LL.D.

Mathematics and Natural Philosophy, by Professor J. Loudon, M.A., and Mr. Alfred Baker, M.A.

Mineralogy and Geology, by Professor Chapman, Ph. D., LL.D.

Botany and Zoology, by Professor Ramsay Wright, M.A., B.Sc.

Chemistry, by Professor W. H. Pike, M.A., Ph.D.

In addition to the instruction thus given by the College Staff, arrangements now existing between the College and the School of Practical Science afford the students facilities for additional instruction from Dr. W. H. Ellis, M.A., M.D., in Practical Chemistry; and from Professor J. Galbraith, M.A., C.E., in Mechanical and Mining Engineering, Surveying, including Field Work and in Applied Mechanics. In the Department of Chemistry, the additional opportunities for instruction promise to be of great value. Owing to the facilities thus afforded, whereas formerly the time devoted to Practical Chemistry by the students in University College was limited to the last term in their fourth year, and amounted in all to about thirty hours of practical instruction throughout the whole course; the number of hours now devoted to this important branch of study will extend over fully 600 hours. Such increased opportunities for mastering this important science, alike in its theory and practice, cannot fail to beget valuable results hereafter.

By arrangements carried out with the approval of the Minister of Education, a supply of apparatus requisite for use by the students in the different branches of scientific instruction has been obtained, to be held as the property of the College, and to be maintained in permanency by a small fee charged to the students for their use. The instruction embraced in the various branches of the Natural Sciences required by the University, as now given in the College class room and laboratories, will thus be more comprehensive and of greater practical value to the student than it was possible to render it before such facilities were available.

Examinations were held at the close of each term during the past academic year, and honors and prizes awarded to the successful competitors in accordance with the results. The Honor Lists for the year 1879-80, along with a synopsis of lectures, prescribed courses of study, text books, and other details, will be found in the College Calendar for the present year, of which a copy is herewith appended.

All which is most respectfully submitted.

DAN'L. WILSON,
Pres.

{ L. S. }

No. 16.

2nd Session, 4th Legislature, 44 Vic., 1881.

REPORT.

The Annual Report of the Council of University
College, Toronto, for 1880-81.

TORONTO:

PRINTED BY C. BLACKETT ROBINSON.

ANNUAL REPORT

Of the Council of University College, Toronto, for 1881-82.

By Command.

ARTHUR S. HARDY,

Secretary.

PROVINCIAL SECRETARY'S OFFICE,

TORONTO, January 8th, 1883.

ANNUAL REPORT OF THE COUNCIL OF UNIVERSITY COLLEGE.

To His Honour the Honourable JOHN BEVERLEY ROBINSON, Lieutenant-Governor of the Province of Ontario, Visitor of the University of Toronto and of University College.

MAY IT PLEASE YOUR HONOUR :—

The President and Council of University College beg leave to present to your Honour, as visitor on behalf of the Crown, the following report on the progress and present condition of the College for the year 1882.

The Council are gratified in being able to report the increasing number of students in attendance on the College, who are now following out the full courses prescribed by the University as requirements for undergraduates. Of three hundred and forty-two students in attendance on the College lectures during the academic year 1881-82, three hundred and three were matriculated students pursuing their studies with a view to proceeding to the degree of B.A. This is the largest number of matriculated students of any year since University College was established, and presents a gratifying contrast to the experience of earlier years, when the matriculated students formed only a small proportion of the entire numbers in attendance on the College lectures.

At the Convocation held on the 8th of June, 1882, degrees were conferred on eighty-one students who had pursued their undergraduate studies in University College, and had been duly reported by the Board of Examiners appointed by the University of Toronto, as having fulfilled all requirements prescribed by the Senate as requisite for admission to the following degrees, viz. :—thirteen to the degree of Master of Arts, three to the degree of Bachelor of Law, and sixty-five to the degree of Bachelor of Arts.

Since the re-organization of the University and College on their present basis in 1853, the degrees conferred in the Faculties of Arts, Law and Medicine, on students trained in University College, have numbered in all eight hundred and seventy, classified as follows :—LL.D., 5 ; LL.B., 34 ; M.D., 14 ; M.B., 47 ; M.A., 238 ; B.A., 532 ; making a total of eight hundred and seventy degrees conferred on those who have pursued their studies in this College, and have proceeded to degrees in the various faculties of the University.

Among the students who have thus gone forth from the College, a considerable number have taken high standing in the University Honour Lists, and have since given practical evidence of the value of the instruction they received, by attaining to influential professional standing, and filling important positions in the educational institutions of the Dominion.

The following constitute the present teaching staff of University College :—

Classical Literature, embracing the Greek and Latin Languages—Professor Maurice Hutton, M.A., Fellow of Merton College, Oxford, and F. A. Vines, M.A.

Oriental Literature, including Hebrew, Chaldee, Syriac and Arabic—J. M. Hirschfelder.

German—W. H. Vandersmissen, M.A.

French—Mons. Emile Pernet.

Italian—W. Oldright, M.A., M.D.

Rhetoric and English Literature—Professor D. Wilson, LL.D., F.R.S.E.

Logic, Metaphysics and Ethics—Professor G. P. Young, M.A.

Ancient and Modern History—Professor D. Wilson, LL.D., F.R.S.E.

Mathematics and Natural Philosophy—Professor J. Loudon, M.A., Alfred Baker, M.A., and W. J. Loudon, B.A., Demonstrator in Physics.

Mineralogy and Geology—Professor E. J. Chapman, Ph.D., LL.D.

Botany and Zoology—Professor Ramsay Wright, M.A., B.Sc.

Chemistry—Professor W. H. Pike, M.A., Ph.D.

Instruction is given by this staff of Professors, Lecturers and Assistants, in the various branches embraced in the requirements of the University for standing and degrees in the Faculty of Arts. In addition to this, the arrangements provided for in the Act establishing a School of Practical Science, which admits of the attendance of students of the School at such lectures in University College as come within the course of its instruction, have been carried out under an Order in Council, so as at the same time to provide for the students of this College additional facilities, including practical instruction in the laboratories and lecture-rooms now under the joint conduct of the Professors and Lecturers of both institutions.

Nevertheless, the increasing numbers in attendance at University College render it more and more difficult for the present staff to overtake all the requirements of the University curriculum. This is specially felt to be the case in the honour work, alike in the study of the ancient and modern languages in the class-rooms and in the practical work of the sciences in the laboratory, where the teachers must to a large extent deal with each student individually. The Council in their last report accordingly pointed out the manifest need of some greater division in the teaching of the various subjects embraced in the College curriculum, and prescribed in the University requirements for standing, honours and degrees. With a view to some immediate provision for this annually recurring demand for additions to the teaching staff, the Council, acting in co-operation with the University Senate, have this year increased the fees for matriculated students from \$10 to \$20 with a view to the appropriation of the fund thus created for the establishment of Tutorial Fellowships in the various departments. It is proposed that each of the Fellows shall be appointed for a period of not more than three years. They shall be selected by the College Council from among the graduates in honours of the several departments, having in view their aptitude for teaching, along with their acquisitions in the special work assigned to them. Each Fellow so appointed will assist in the teaching and practical work of the department to which his Fellowship is attached, under the direction of the Professor. By this means it is hoped to secure in some partial degree the division of teaching so indispensable for the practical work in the science departments and in all the honour work of the different years, and at the same time to furnish facilities and inducements for post-graduate training in the highest branches of all the departments of instruction.

The Council are not yet able to report that this scheme has been carried out; but the increased scale of fees has been brought into operation at the commencement of this academic year, without, so far as yet appears, in any degree affecting the numbers in attendance.

The entire number of students during the academic year 1881-82 was four hundred and seven, including sixty-five students of the School of Science, in attendance on the lectures and practical instruction of the College, as follows, viz.: 15 in Mathematics and Physics, 18 in Biology, 7 in Mineralogy and Geology, and 25 in Chemistry.

The admissions for the present year of students entering for the first time in the regular Arts course number thus far one hundred and ten, as compared with eighty-eight who entered the previous year. In addition to this the students of the School of Science availing themselves of the College Lectures and practical instruction number thus far one hundred and fifteen, as compared with sixty-five of last year, classed as follows, viz.: 18 Mathematics and Physics, 35 Biology, 9 Mineralogy and Geology, and 53 Chemistry.

The scheme of Tutorial Fellowship it is believed will contribute valuable aid in rendering the instructions in all departments more efficient, as well as in inducing honour men in all of them to aim at following out their special studies after they have proceeded to a degree in Arts.

But the Council do not the less feel the need of additional chairs and a much greater sub-division of the subjects at present assigned to various Professors if the College is to maintain its standing and secure that thoroughness and efficiency which is justly looked for from this Provincial Institution.

The arrangements existing between the College and the School of Practical Science continue to be carried out so as to afford the students of both institutions increased facilities for instruction in the departments of Mathematics and the Natural Sciences.

Since the last Annual Report some valuable additions have been made to the philosophical apparatus, and efforts are now being made to raise a fund for supplying deficiencies still existing in the branch of Electricity.

Examinations were held in Michaelmas and Easter terms of the past academic year, and the honours and prizes attained in the various departments were awarded at the College Convocation held on the 13th of October. The Honour Lists for the year, along with a synopsis of lectures and other details relative to the work of the College, will be found in the College Calendar for the present year, of which a copy is herewith sent.

All which is respectfully submitted.

DANIEL WILSON,

President.

ALFRED BAKER,

Registrar.

UNIVERSITY COLLEGE, Toronto, December 19th, 1882.

No. 17.

4th Session, 4th Legislature, 46 Vic., 1883.

ANNUAL REPORT

Of the Council of University College,
Toronto, for 1881-82.

TORONTO:

PRINTED BY C. BLACKETT ROBINSON.